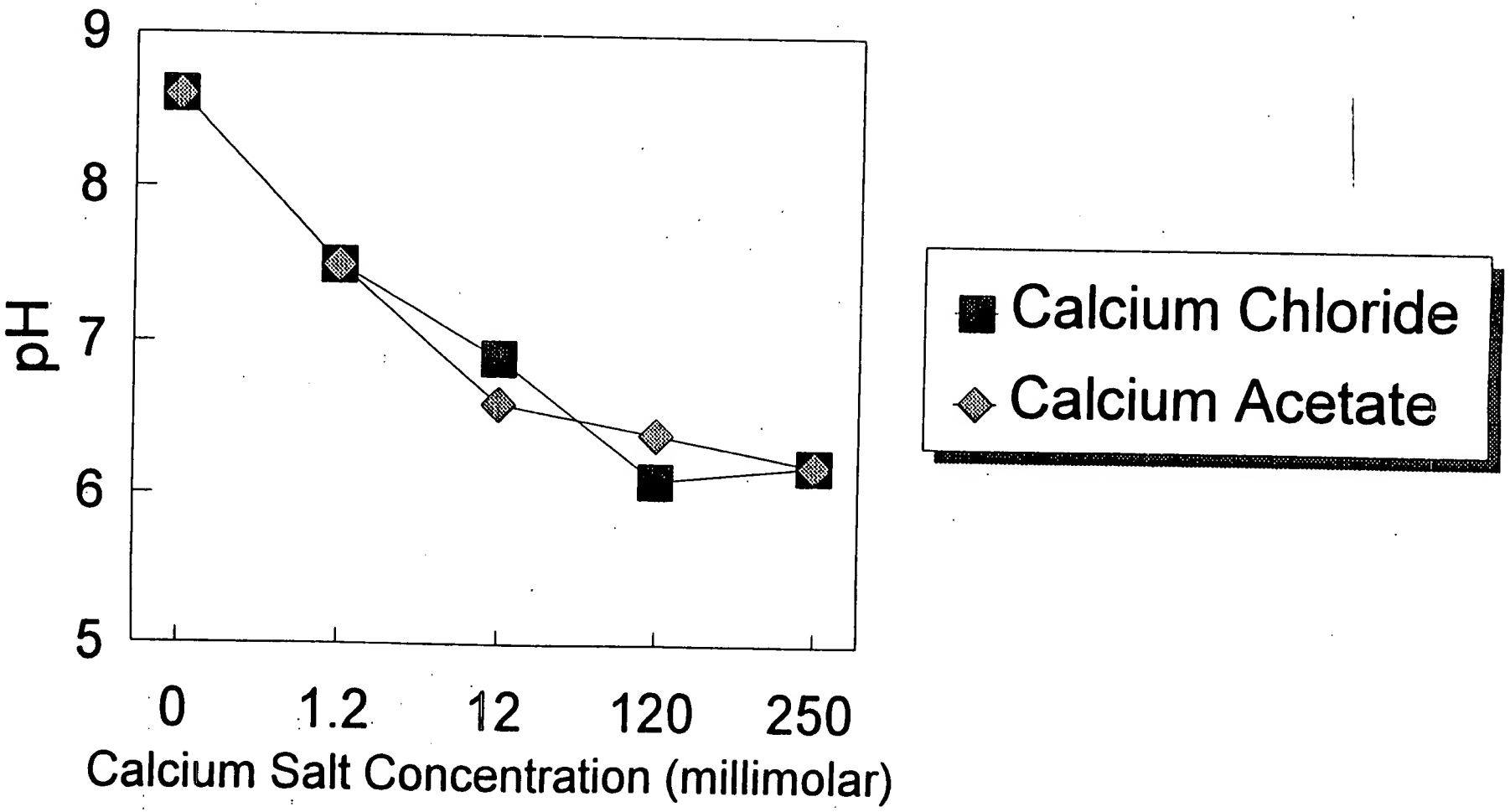
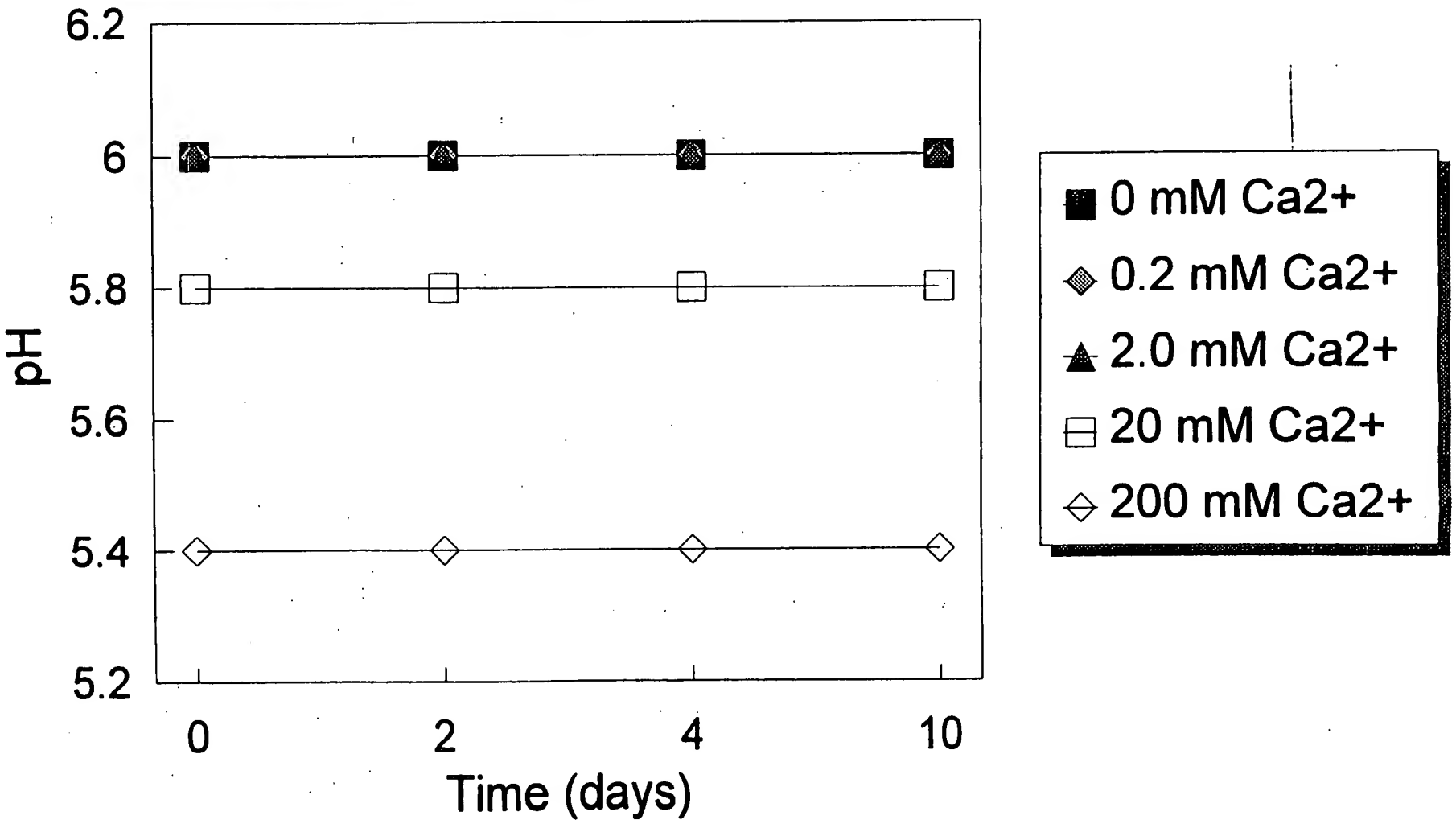
Figure 1. The Effect of Calcium Chloride and Calcium Acetate on the pH of a Calcium Carbonate Slurry



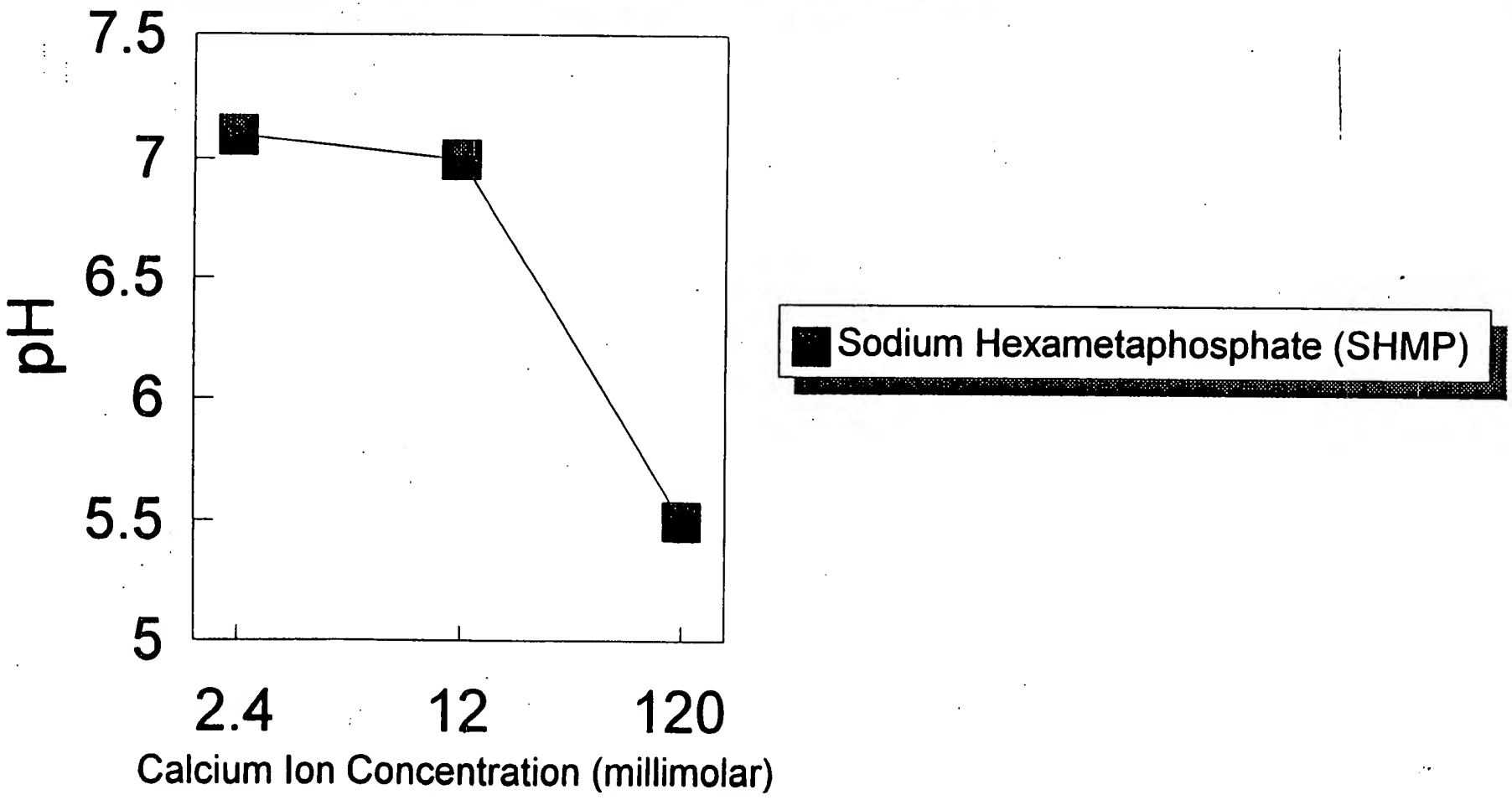
The slurry contains 5% calcium carbonate and the pH was measured after 4 days.

Figure 2. The Effect of Carbon Dioxide and Calcium Ion on the pH of a Calcium Carbonate Slurry



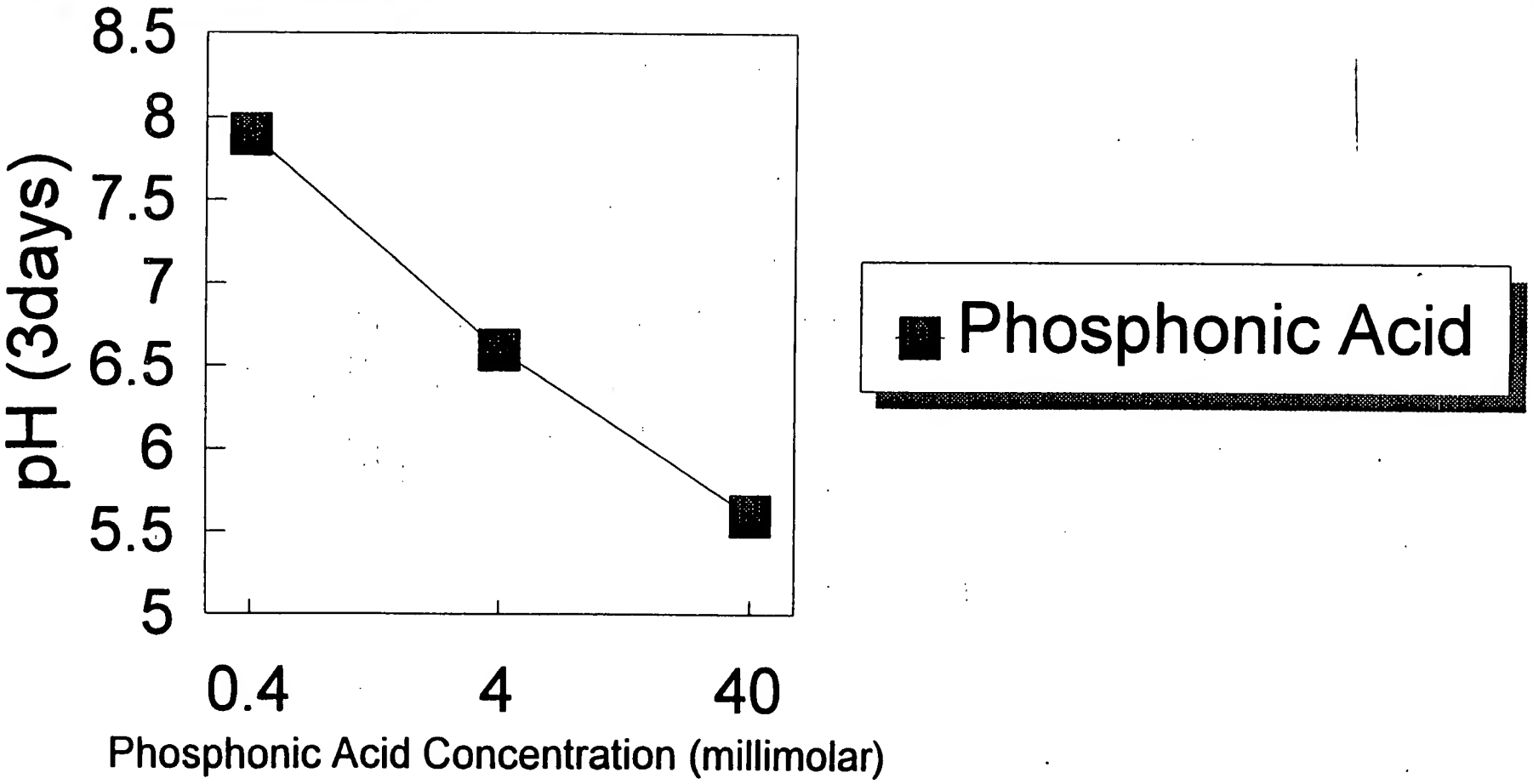
The slurry contains 5% precipitated calcium carbonate under one atmosphere of carbon dioxide.

Figure 3. The Effect of Calcium Ion Plus Chelate on the pH of a Calcium Carbonate Slurry



The slurry contained 5% calcium carbonate and 0.7 millimolar SHMP and the pH was measured after 3 days.

Figure 4. The Effect of Phosphonic Acids on the pH of a Calcium Carbonate Slurry



The slurry contained 5% calcium carbonate and the acid was Nitrilotri(methylene)triphosphonic Acid